

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christine L. Mummery

Examiner: Unassigned

Serial No.: Unassigned

Group Art Unit: Unassigned

Filed: Herewith

Docket: 17360

For: METHODS OF INDUCING
DIFFERENTIATION OF STEM CELLS

Dated: January 14, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. C. A. Eisenberg, et al., "Mixed Cultures of Avian Blastoderm Cells And the Quail Mesoderm Cell Line QCE-6 Provide Evidence for the Pluripotentiality of Early Mesoderm", *Developmental Biology*, 191; Pages 167-181 (1997), Article No. DB978718;
2. C. Mummery, et al., "Cardiomyocyte Differentiation of Mouse and Human Embryonic Stem Cells", *J. Anat.* 200, (2002), pages 233-242;

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dated: 1/14/04



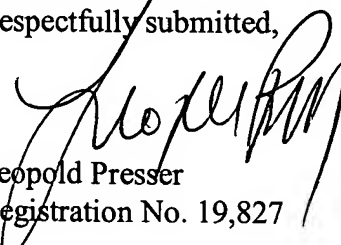
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3. Qi-Long Ying, et al., "Changing Potency by Spontaneous Fusion", *Nature*, Vol. 416, April 4, 2002; pages 545-548;
4. S. L. Karp, et al., "Epithelial Differentiation of Metanephric Mesenchymal Cells After Stimulation with Hepatocyte Growth Factor or Embryonic Spinal Cord", *Proc. Natl. Acad. Sci., USA*, vol. 91, *Developmental Biology*, June 1994; Pages 5286-5290;
5. Tsukasa Miyatake, et al., "Survival of Accommodated Cardiac Xenografts Upon Retransplantation Into Cyclosporine-Treated Recipients", *Transplantation*, Vol. 65, No. 12, June 27, 1998; Pages 1563-1569;
6. Van Meter, et al., "Methods" *The Journal of Thoracic and Cardiovascular Surgery*, Volume 110, Number 5, November 1995; Pages 1443-1448; and
7. PCT Application No. WO 02/14469 A2, published February 21, 2002.

Applicants are submitting copies of the above-cited references not published or issued in the U.S. and cited on the attached form PTO-1449.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Leopold Presser
Registration No. 19,827

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

LP:jy

**LIST OF REFERENCES
CITED BY APPLICANT**

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 02/14469 A2	2/21/02	PCT			X	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		C. A. Eisenberg, et al., "Mixed Cultures of Avian Blastoderm Cells And the Quail Mesoderm Cell Line QCE-6 Provide Evidence for the Pluripotentiality of Early Mesoderm", <i>Developmental Biology</i> , 191; Pages 167-181 (1997), Article No. DB978718;
		C. Mummery, et al., "Cardiomyocyte Differentiation of Mouse and Human Embryonic Stem Cells", <i>J. Anat.</i> 200, (2002), pages 233-242;
		Qi-Long Ying, et al., "Changing Potency by Spontaneous Fusion", <i>Nature</i> , Vol. 416, April 4, 2002; pages 545-548;

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	AF						
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	AH						
	AI						
	AJ						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

		S. L. Karp, et al., "Epithelial Differentiation of Metanephric Mesenchymal Cells After Stimulation with Hepatocyte Growth Factor or Embryonic Spinal Cord", <i>Proc. Natl. Acad. Sci., USA</i> , vol. 91, Developmental Biology, June 1994; Pages 5286-5290;
		Tsukasa Miyatake, et al., "Survival of Accommodated Cardiac Xenografts Upon Retransplantation Into Cyclosporine-Treated Recipients", <i>Transplantation</i> , Vol. 65, No. 12, June 27, 1998; Pages 1563-1569; and
		Van Meter, et al., "Methods" <i>The Journal of Thoracic and Cardiovascular Surgery</i> , Volume 110, Number 5, November 1995; Pages 1443-1448.

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